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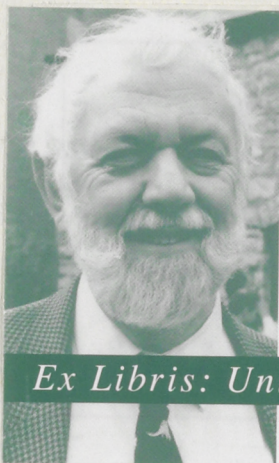


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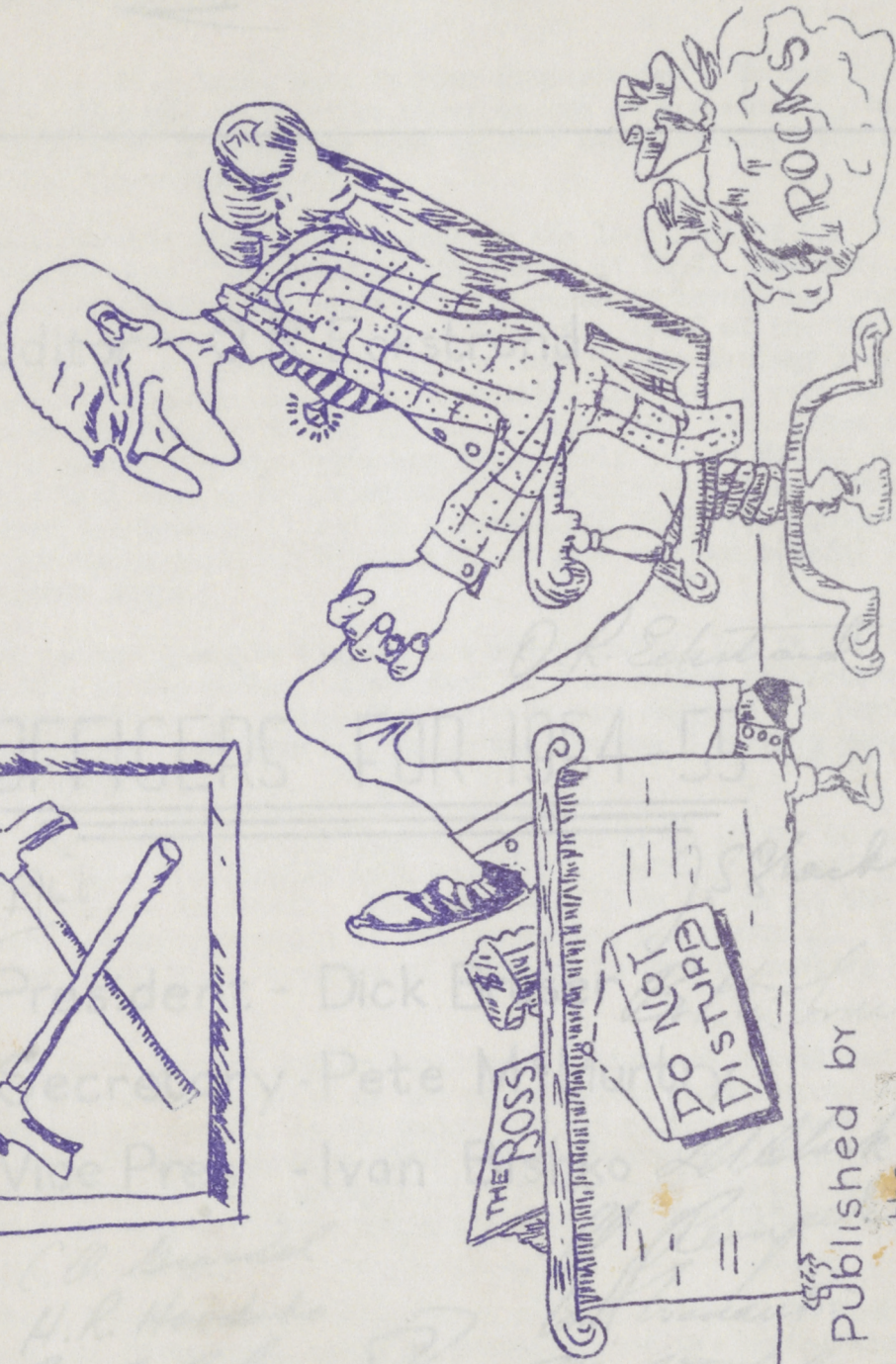
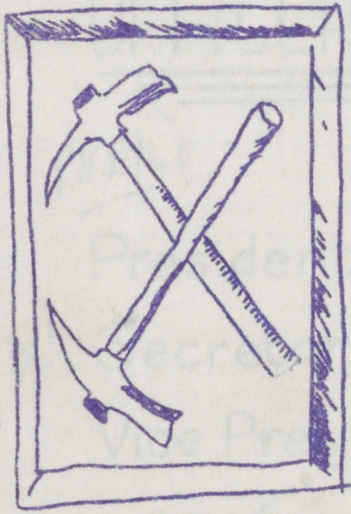
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THE CONCENTRATES



Published by
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Ore Gangue

U of S The Complacent Geologist

1954

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EDITORIAL

At long, long last, here is your Concentrates. No one likes to listen to excuses, so we offer none; we can only apologize, beg that you bear with us, and hope that in some small measure, the result has justified the expectations.

There were no major alterations in the locations of the Geology Departments' facilities in the summer of 1953. However, 1954 brought several changes necessitated by a steadily increasing enrollment in "the best course at the U. of S." About one third of the third year drafting lab was partitioned off to accommodate Geology 1 and 2 and Biological Sciences Labs. This permitted the use of room 212 for lectures and Geology 31 and 41 Labs. Room 1 has been taken over by Master's students while Ernie has fallen heir to the former Master's room. This last wise move has placed Mr. Hawkins more less beyond the reach of the Geology 11 and 21 students and their frequent queries of "What is" while pointing frantically at some unknown mineral on the microscope stage.

No further specific changes are contemplated, but it has long been the hope of the Geology Department to consolidate its laboratories and facilities onto the ground floor of the east wing of the Engineering Building. Whether and when this dream will become a reality remain unanswered questions.

A five thousand dollar display has been given to the University by Imperial Oil. The display is a model of a typical oil refinery, extremely complete in detail. Its purpose will be to aid in the instruction and demonstration of oil production and refining. It should also prove to be a centre of interest in the Engineering Show of 1955.

A fifteen hundred dollar donation by Tidewater Associated Oil Company financed the purchase of two petrological microscopes and a slide projector as well as the major portion of the expenses incurred by the Little Rockies, Montana field trip. Further additions to equipment include a nine hundred dollar stereoscope viewer for examination of aerial photos, and a polisher for finishing thin sections.

While Ore Gangue activities have not been lacking in number, attendance, or exuberance, there is probably room for improvement. A comparison of the past year's activities with those shown in old pictures of earlier Gangues leaves something to be desired, perhaps.

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However, no one can deny that membership in the Gangue was a source of educational and pleasurable events during the last scholastic year. With this thought in mind, it is our wish that future Ore Gangues may go on to even bigger and better things.

At this point, I, personally would like to express my appreciation to the following, without whose help, the Concentrates would not have been possible: The faculty, for helping to chase down former grads; Mrs. Sins, for advice and typing the stencils; and classmates, for contributed articles, and general, all-round help. Thanks to these, and Good Luck to all Ganguesters.

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Both prizes were awarded this year and the announcements were made at Convocation, May, 1954. Earl Christiansen received the stein for leadership while Gordon Crocker was the recipient of the one presented for scholastic ability.

Congratulations!

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The following, to the best of our knowledge, are the correct addresses of all the grads of whom we were able to obtain records. Please notify us of any errors or omissions so that the records may be kept up-to-date for the next issue of the Concentrates.

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WEIR, J. D. - Vice-President, California Standard, R.65, Sea View Avenue,
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KUTZ, K. J. - Box 127, Britannia Beach, B. C.
MacDONALD, G. K. - International Petroleum, Lima, Peru.
MacLEOD, R. - California Standard Oil, Calgary, Alta.
McNINCH, J. - J. C. Sproule and Associates, 901 - 8th Avenue W., Calgary, Alta.
POW, J. R. - Petroleum and Natural Gas Conservation Board, 514 - 11th Avenue West, Calgary, Alta.
STUBBINS, J. - Iron Ore Company of Canada, Knob Lake, Que.

Class of '49

- BEARE, R. O. - Overseas S.V.P.M. Soengi, Gerong, Palembang, Sumatra, Indonesia.
BLEAKLEY, S. B. - Royalite Oil Company, Calgary, Alta.
BROWN, M. L. - Geologist, Amor Gold Mines, Timmins, Ont.
BUCKLAND, R. S. - Royalite Oil Company, Calgary, Alta.
CROCKER, C. S. - Howe-Sound Exploration Company, Snow Lake, Man.
CUNNINGHAM, G. E. - Anglo-American Exploration, Calgary, Alta.
DUNNETT, J. F. - Pt. Radium, N.W.T., c/o Box 160, Edmonton, Alta.
FLOOD, A. L. - Canadian Superior Oil of California, 1810 - Albert Street, Regina, Sask.
FLOWER, R. J. - California Standard Oil Company, Calgary, Alta.

PORTER, J. W. - District Geologist, Canadian Superior Oil Company of
California, Regina, Sask.
THORSTENSON, R. - Geological Survey of Canada, Ottawa, Canada.
USHER, J. L. - Teaching paleontology and stratigraphy at Queen's
University, Kingston, Ontario.

Class of '46

KIRKLAND, R. S. - Iron Ore Company of Canada, 1690 Graham Blvd.,
Montreal, P. Q.
MATHESON, K. A. - Offshore Consultants Limited, Calgary, Alta.
SPROUT, W. R. - C. M. & S., Yellowknife, N.W.T.

Class of '47

ASTON, H. F. - C. M. & S., Prince Rupert, B. C.
CHERTON, C. - Anacanda American Brass Limited, New Toronto, Ontario.
DAHLSTROM, C. D. A. - 604 Hall Building, 769 Pender Street West,
Vancouver, B. C.
PILOSKI, M. - (home address) Box 1308 Portage la Prairie, Man.

Class of '48

BALLIE, R. M. - 210 - 25th Avenue West, Calgary, Alta.
BARNISTER, W. E. - California Standard Oil, Calgary, Alta.
CALLMEYER, D. - Bank of Montreal, B.P. 121, Connaught, French West Africa.
GRANT, G. D. - California Standard Oil Company, Calgary, Alta.
HEWITSON, H. - Imperial Oil Limited, Calgary, Alta.
HORNBY, H. - Imperial Oil Limited, Regina, Sask.
KUTZ, K. J. - Box 127, Britannia Beach, B. C.
MACDONALD, G. K. - International Petroleum, Lima, Peru.
MACLEOD, R. - California Standard Oil, Calgary, Alta.
MCNICH, J. - J. C. Sprague and Associates, 901 - 8th Avenue W.,
Calgary, Alta.
POW, J. R. - Petroleum and Natural Gas Conservation Board,
514 - 11th Avenue West, Calgary, Alta.
STUBBINS, J. - Iron Ore Company of Canada, Knob Lake, Que.

Class of '49

BEARE, R. O. - Overseas S.V.P.M. Society, Germany, Palembang, Sumatra,
Indonesia.
BLEAKLEY, S. B. - Royalty Oil Company, Calgary, Alta.
BROWN, M. L. - Geologist, Avon Gold Mines, Timmins, Ont.
BUCKLAND, R. S. - Royalty Oil Company, Calgary, Alta.
CROCKER, C. S. - Howe-Sound Exploration Company, Snow Lake, Man.
CUNNINGHAM, G. E. - Anglo-American Exploration, Calgary, Alta.
DUNNETT, J. P. - Pt. Radium, N.W.T., c/o Box 160, Edmonton, Alta.
FLOOD, A. L. - Canadian Superior Oil of California, 1810 - Albert
Street, Regina, Sask.
FLOWER, R. J. - California Standard Oil Company, Calgary, Alta.

GOULD, C.D. - British American Oil Company, Regina, Sask.
HANES, F. E. - Geologist with Sohio Oil Company, Regina, Sask.
HAMILTON, G. J. - Royalite Oil Company, Regina, Sask.
HATELID, W. G. - H.B.M. & S. Flin Flon, Man.
HAUGRUD, G. - District Geologist with Royalite Oil Company, Edmonton, Alta.
JACKSON, K. E. - Geologist with Canadian Superior Oil Company, Edmonton, Alta.
JANKOWSKI, L. V. - 8 Blanchard St., Minnow Lake, Ont.
KEITH, J. W. - Texaco Exploration Company, Calgary, Alta.
LAATSCH, H. K. - Geologist with Superior Oil Company, Box 745, Billings,
Montana.
LOUCKS, W. A. - Canadian Superior Oil Company, Calgary, Alta.
MACKAY, I. H. - California Standard Oil Company, Calgary, Alta.
McKENZIE, R. O. - Geologist with Hudson Bay Oil & Gas, Calgary, Alta.
MOREAU, M. J. - Moreau, Woodward & Company, Limited, (Geophysical
Exploration) Box 522, Flin Flon, Man.
NESBITT, J. - Geologist with Imperial Oil Limited, Regina, Sask.
PEARSON, W. J. - Ontario Department of Mines, Ironbridge, Ont.
PICKEL, J. S. - Geologist with Imperial Oil Limited, Regina, Sask.
RIMMER, W. H. - Geologist, Texaco Exploration Company, Calgary, Alta.
RODE, E. R. - Rush Lake, Sask.
ROMPRE, B. J. - Stanolind Oil Company, Calgary, Alta.
SMITH, J. R. - Geophysical Institute, Washington, D. C.
STEACY, J. A. -
STOBART, J. E. - Dominion Oil Limited, Box 199, Port of Spain, Trinidad.
WARICK, J. S. - Production Staff of H.B.M. & S., Flin Flon, Man.
WILSON, R. J. - Yellowknife, N.W.T.

Class of '50

AMBLER, J. S. - Sohio Petroleum, Regina, Sask.
DEVINE, J. - Imperial Oil Limited, Edmonton, Alta.
FRANCIS, D. R. - Western University, Chicago, Ill.
FREISEN, P. S. - 2329 - 3rd Ave. E., Prince Albert, Sask.
HODGSON, F. P. - Box 160, Edmonton, Alta.
HORTON, A. G. - 421 Staff Hotel, Deep River, Ont.
KIRKLAND, S.J.T. - (Weirdale) Queen's University, Kingston, Ontario.
KOSTIUK, M. - 18 Churchill Avenue, Flin Flon, Man.
PEARSON, W. J. - Queen's University, Kingston, Ontario.
POTAPOFF, P. - Falconbridge, Ontario.
POWLEY, D. E. - Stanolind Oil and Gas Company, Calgary, Alta.
SODERLAND, H. W. - Jamestown, Ontario.
TOMLIN, M. M. - British Columbia Oil Lands Ltd., Fort Nelson, B. C.
TORRIE, J. E. - Tidewater Oil, Regina, Sask.
VOLLO, N. B. - Snow Lake, Man.
ZUROWSKI, M. - 1002 - 110th Street, North Battleford, Sask.

Class of '51

BECKIE, K. N. - H. B. Oil & Gas, 534A - 8th Avenue W., Calgary, Alta.
CUMMINGS, G. L. - Department of Geology, University of Toronto, Toronto, Ont.
DREW, D. A. -

WILSON, R. J. - Yellowknife, N.W.T.
 WARICK, J. S. - Production Staff of H.B.M. & S., Kinnelon, Man.
 STOBART, J. E. - Dominion Oil Limited, Box 199, Port of Spain, Trinidad.
 STACY, J. A. -
 SMITH, J. R. - Geological Institute, Washington, D. C.
 ROMRE, B. J. - Stanolind Oil Company, Calgary, Alta.
 ROSE, E. R. - Rush Lake, Sask.
 RIMMER, W. H. - Geologist, Texaco Exploration Company, Calgary, Alta.
 PICKER, J. S. - Geologist with Imperial Oil Limited, Regina, Sask.
 PEARSON, W. J. - Ontario Department of Mines, Ironbridge, Ont.
 WESBETT, J. - Geologist with Imperial Oil Limited, Regina, Sask.
 Exploration Box 522, Kinnelon, Man.
 MOREAU, M. J. - Moreau, Woodward & Company, Limited, (Geophysical)
 McKENZIE, R. O. - Geologist with Watson Bay Oil & Gas, Calgary, Alta.
 MACKAY, I. H. - California Standard Oil Company, Calgary, Alta.
 LOCKES, W. A. - Canadian Superior Oil Company, Calgary, Alta.
 LAATSCH, H. K. - Geologist with Superior Oil Company, Box 745, Billings, Montana.
 KEITH, J. W. - Texaco Exploration Company, Calgary, Alta.
 JANKOWSKI, J. V. - 8 Blanche St., Minnow Lake, Ont.
 JACKSON, K. E. - Geologist with Canadian Superior Oil Company, Edmonton, Alta.
 HAUGRUD, G. - District Geologist with Royalite Oil Company, Edmonton, Alta.
 HATFIELD, W. G. - H.B.M. & S., Kinnelon, Man.
 HAMILTON, G. J. - Royalite Oil Company, Regina, Sask.
 HANES, F. E. - Geologist with Soho Oil Company, Regina, Sask.
 GOULD, C. D. - British American Oil Company, Regina, Sask.

Class of '50

ZURAWSKI, M. - 1002 - 110th Street, North Battleford, Sask.
 VOLLO, H. B. - Snow Lake, Man.
 TORLIE, J. E. - Tidewater Oil, Regina, Sask.
 TOMLIN, M. M. - British Columbia Oil Lands Ltd., Fort Nelson, B. C.
 SODERLAND, H. W. - Jamestown, Ontario.
 POWELL, D. E. - Stanolind Oil and Gas Company, Calgary, Alta.
 POTAPOFF, P. - Falmouth, Ontario.
 PEARSON, W. J. - Queen's University, Kingston, Ontario.
 KOSTIUK, M. - 18 Churchill Avenue, Kinnelon, Man.
 KIRKLAND, S. J. T. - (Wettable) Queen's University, Kingston, Ontario.
 HORTON, A. G. - 421 St. Mary's Hotel, Deep River, Ont.
 HODGSON, P. P. - Box 160, Edmonton, Alta.
 FRIEDMAN, P. S. - 2329 - 3rd Ave. E., Prince Albert, Sask.
 FRANCIS, D. R. - Western University, Chicago, Ill.
 DEVINE, J. - Imperial Oil Limited, Edmonton, Alta.
 AMER, J. S. - Soho Petroleum, Regina, Sask.

Class of '51

DREW, D. A. -
 GURDING, G. L. - Department of Geology, University of Toronto, Toronto, Ont.
 BECKIE, K. H. - H. B. Oil & Gas, 534 - 8th Avenue W., Calgary, Alta.

JOHNSTON, G. K. - 1216 - 33rd Street East, Saskatoon, Sask.
KENDALL, G. H. - Imperial Oil Limited, Regina, Sask.
KERMEEN, J. S. - Eldorado Mining and Refining, Eldorado, P.O., Sask.
McMILLAN, N. J. - (M.Sc.), University of Kansas, Lawrence, Kansas.
MULLOCK, J. E. - INCO, Sudbury: 605 Queen Elizabeth St., Lively, Ont.
SQUIRE, G. D. - 202 Avenue L, North, Saskatoon, Sask.
STALMACH, E. W. - Melville, Sask.
VIGRASS, L. W. - Stanford University, California, U.S.A.
WILLIAMS, F. J. - Sask. Federated CoOp., Saskatoon, Sask.

Class of '52

AGAR, C. F. - Shell Oil Company, Calgary, Alta.
ALMOND, P. - Iron Ore Company of Canada, 4750 Plamondon Ave., Apt. 15,
Montreal, Que.
BERG, C. A. - California Standard Oil Company, Regina, Sask.
BOYKO, W. - Geotechnical Development, Uranium City, Sask.
CRANE, J.P.T. - Socony-Vacuum Exploration Company, Calgary, Alta.
EDMUNDS, R. - Shell Oil Company, Regina, Sask.
FRASER, D. J. - 709, Constant Avenue, The Pas, Man.
McLEOD, G. J. - Chief Geologist, Trident Oil Company, 803 - 8th St. W.,
Calgary, Alta.
O'BERTOS, E. - Royal Bank Building, Regina, Sask.
REISNER, C. H. C. - Limerick, Sask.
ROTHERHAM, D. C. - Dee Explorations Limited, 502 - Standard Building,
Saskatoon, Sask.
VOGT, P. R. - Imperial Oil Limited, Regina, Sask.

Class of '53

BASARABA, K. E. - Socony-Vacuum, Calgary, Alta.
MAGDICH, F. S. - Texaco Exploration Company, Calgary, Alta.
MATHEW, P. R. - C. M. & S., Kimberley, B. C.
WILSON, D. - Imperial Oil Limited, Edmonton, Alta.
WOROBAY, W. A. - Shell Oil Company, Edmonton, Alta.

Class of '54

ARMITAGE, J. H. - Imperial Oil Limited, Regina, Sask.
BERISOFF, M. - R. R. 1, Langham, Sask.
CLARK, L. A. - Mastering, University of Saskatchewan, Geology Department.
CROCKER, G. W. - Shell Oil Company, Calgary, Alta.
CRYDERMAN, J. M. - Imperial Oil Limited, Regina, Sask.
DUDAR, J. S. - Eldorado Mining & Refining Company, Eldorado, P.O., Sask.
GISLASON, B. G. - Ontario Mining Association, Toronto, Ont.
JORDAN, S. P. - Shell Oil Company, Regina, Sask.
LEE, R. E. - Canadian Superior Oils, Regina, Sask.
MACRONE, A. W. - Canadian Gulf Oil Company, Calgary, Alta.
OSACHOFF, S. - Shell Oil Company, Calgary, Alta.
PAXTON, J. - Geologist, Great West Uranium Company,
PETRUK, W. - Mastering, University of Saskatchewan, Geology Department.
SHKLANKA, R. - University of Saskatchewan, Geology Department
THOMAS, R. B. - British American Oil Company, Regina, Sask.

THE UNDERGRAD ACTIVITIES - SUMMER, 1953

4th year students

Name	Home address	Summer activity
Armitage, J. H.	Saskatoon, Sask.	Imperial Oil Limited
Berisoff, Michael	Langham, Sask.	Sask. Govt. Geol. Surveys
Clark, L. A.	North Battleford,	Can. Nickel Co. - N.W.T.
Christiansen, E. A.	Valbrand, Sask.	Imperial Oil Limited
Crocker, G. W.	Saskatoon, Sask.	Cal. Standard Company
Dudar, John	Weyburn, Sask.	C. M. & S.
Gavelin, Donald E.	McCord, Sask.	Sask. Govt. Geol. Surveys
Gislason, B. G.	Wynyard, Sask.	INCO - Geol. Exploration
Hayes, E.	Saskatoon, Sask.	H.B.M. & S., Flin Flon, Man.
Lee, R. E.	Longview, Alta.	Surveying
Osachoff, S.	Mikado, Sask.	Standard Oil and Gas
Petruck, W.	Glen Elder, Sask.	Labrador Iron
Thomas, R. B.	Saskatoon, Sask.	B. A. Oil - wellsite
Warden, A.	Regina, Sask.	Socony-Vacuum

3rd year students

Name	Home address	Summer activity
Bruser, Dick	Humboldt, Sask.	Sask. Govt. Geol. Surveys
Chernoff, C. N.	Kamsack, Sask.	City of Regina Engineers
Deyholos, A. M.	Porcupine Plain	Baska Uranium Mines, Prospecting
Eckstrand, O. R.	Punnicky, Sask.	Dee Explorations
Froese, E.	Saskatoon, Sask.	City of Saskatoon, Eng. Dept.
Grasdal, C. O.	Parkby, Sask.	Rotary Engineers (Oil Exploration
Hovlebo, H. R.	Kinistino, Sask.	Farm
Ladouceur, A.	Saskatoon, Sask.	Pipe line
Lesiuk, D.	Saskatoon, Sask.	City of Regina Engineers
McMurtry, Pete	Regina, Sask.	City of Regina Engineers
Melnyk, M. J.	Donnemy, Sask.	G.S.C. - B. C.
Mitchell, F. M.	Prince Albert, Sask.	City of Regina Engineers
Morrison, L.	Robsart, Sask.	Great West Uranium - prospecting
Nilsen, L. R.	Kelvington, Sask.	Farm
Pituley, L. J.	Killdeer, Sask.	P.F.R.A.
Sakundiak, E. C.	Verigin,	Farm
Sawatsky, L. H.	Swift Current, Sask.	P.F.R.A.
Schultz, H. T.	Duval, Sask.	G.S.C.
Siemens, D. L.	Saskatoon, Sask.	Dee Explorations
Smith, B. K.	Khedive, Sask.	D.N.R. Surveying
Waddell, W. H.	Saskatoon, Sask.	Prof. Edmund's assistant
Frost, N.	Regina, Sask.	City of Regina Engineers
Kennedy, E. G.	Craik, Sask.	Dee Explorations

THE UNDERGRAD ACTIVITIES - SUMMER, 1953

4th year students

Name	Home address	Summer activity
Armitage, J. H.	Saskatoon, Sask.	Imperial Oil Limited
Bortoloff, Michael	Langham, Sask.	Sask. Govt. Geol. Surveys
Clark, I. A.	North Battleford,	Can. Nickel Co. - N.W.T.
Christiansen, E. A.	Valhalla, Sask.	Imperial Oil Limited
Crocker, G. W.	Saskatoon, Sask.	Can. Standard Company
Dwyer, John	Weyburn, Sask.	C. N. & S.
Gavelin, Donald E.	McCord, Sask.	Sask. Govt. Geol. Surveys
Gibson, B. G.	Weyburn, Sask.	INCO - Geol. Exploration
Hayes, E.	Saskatoon, Sask.	H.B.M. & S., Film Plant, Man.
Lee, R. E.	Longview, Alta.	Surveying
Oescholtz, S.	Nikado, Sask.	Standard Oil and Gas
Petrak, W.	Glen Elder, Sask.	Labrador Iron
Thomas, R. B.	Saskatoon, Sask.	B. A. Oil - wellsite
Warden, A.	Regina, Sask.	Geocon-Vacuum

3rd year students

Name	Home address	Summer activity
Briner, Dick	Humboldt, Sask.	Sask. Govt. Geol. Surveys
Chernoff, C. N.	Kamsack, Sask.	City of Regina Engineers
Deyoung, A. M.	Portage Plains	Basin Uranium Mines, Prospect
Edwards, O. R.	Pranthy, Sask.	Dee Explorations
Froese, E.	Saskatoon, Sask.	City of Saskatoon, Eng. Dept.
Grasdal, C. O.	Parkby, Sask.	Rotary Engineers (Oil Explorations)
Hovdebo, H. R.	Kinistino, Sask.	Farm
Labourene, A.	Saskatoon, Sask.	pipe line
Lesluk, D.	Saskatoon, Sask.	City of Regina Engineers
McIntyre, Pete	Regina, Sask.	City of Regina Engineers
Melnyk, M. J.	Donnelly, Sask.	G.S.C. - B. C.
Michell, F. M.	Prince Albert, Sask.	City of Regina Engineers
Morrison, I.	Robart, Sask.	Great West Uranium - prospect
Nilsson, I. R.	Kelvington, Sask.	Farm
Pittsley, J. J.	Kilbuck, Sask.	P.F.R.A.
Sakundak, E. C.	Verdun,	Farm
Szwastek, J. H.	Swift Current, Sask.	P.F.R.A.
Schultz, H. T.	Dwyl, Sask.	G.S.C.
Siemens, D. J.	Saskatoon, Sask.	Dee Explorations
Smith, B. K.	Kelvington, Sask.	D.M.R. Surveying
Waddell, W. H.	Saskatoon, Sask.	Prof. Edmund's assistant
Frost, N.	Regina, Sask.	City of Regina Engineers
Kennedy, E. G.	Crak, Sask.	Dee Explorations

FACULTY'S ACTIVITIES - SUMMER 1953

Dr. Mawdsley spent the summer in charge of a party (Kirkland, Almond, Basaraba and Christiansen) doing geology for the Saskatchewan Government. Continued the work in the Charlebois Lake area. Dr. Mawdsley also made a trip to see the iron deposits in Labrador. While there he met former graduates Dr. A. E. Moss, Dr. R. W. Kirkland, Dr. J. Stubbins, and Assistant Professor J. L. Usher.

Professor Edmunds worked in Saskatchewan looking after a number of wells. He made a trip to the coast and also spent some time in the state of Washington and Vancouver Island. While in Banff he attended a meeting of the Interstate Oil Compact Commission. He was also appointed a member of the Saskatchewan Oil Conservation Board.

Dr. Byers during the summer was in charge of a geological party (Pearson, Boyko, Paxton and Gavelin) working west of Flin Flon for the Saskatchewan Government. He took a month's holiday in July to go down east with his family.

Dr. Kupsch worked for Saskatchewan Geological Survey doing geology over a wide area including Buffalo Narrows and the Clearwater River. He also examined the tar sands near Ft. McMurray. His student assistant was Colin McKenzie.

MASTERS STUDENTS 1953 - 1954

Kermeen, J. S.
Magdich, F. S.
Rotherham, D. C.

ORE GANGUE OFFICERS 1953 - 1954

President	-	Earl Christiansen
Vice-President	-	Pete McMurtry
Secretary-Treasurer	-	Jack Armitage

FACULTY'S ACTIVITIES - SUMMER 1953

Dr. Mandalay spent the summer in charge of a party (Kirkland, Almond, Bassard and Christensen) doing geology for the Saskatchewan Government. Continued the work in the Chukotat Lake area. Dr. Mandalay also made a trip to see the iron deposits in Labrador. While there he met former graduates Dr. A. E. Moss, Dr. R. W. Kirkland, Dr. J. Stebbins, and Assistant Professor J. L. Usher.

Professor Edwards worked in Saskatchewan looking after a number of wells. He made a trip to the coast and also spent some time in the state of Washington and Vancouver Island. While in Baffin he attended a meeting of the Interstate Oil Compact Commission. He was also appointed a member of the Saskatchewan Oil Conservation Board.

Dr. Myers during the summer was in charge of a geological party (Pearson, Boyko, Paxton and Gavett) working west of Kilauea for the Saskatchewan Government. He took a month's holiday in July to go down east with his family.

Dr. Kjosch worked for Saskatchewan Geological Survey doing geology over a wide area including Buffalo Narrows and the Clearwater River. He also examined the tar sands near Ft. McMurray. His student assistant was Colin McEneaney.

MASTERS STUDENTS 1953 - 1954

Kennedy, J. S.
Meadell, P. S.
Rotherham, D. C.

ORE GANGUE OFFICERS 1953 - 1954

President	-	Earl Christensen
Vice-President	-	Pete McIntyre
Secretary-Treasurer	-	Jack Armstrong

MONTANA FIELD TRIP, 1953

The Ore Gangue met at the Engineering Building and boarded the Saskatchewan Government bus, and the trip was under way. Our first stop was near Kyle, where Mr. Jansen from the Soils Department gave the Gangue a very informative lecture on soils. His example was a soil profile which was uncovered by a couple of eminent hard rockers.

The bus was met near Malta by Sherriff Levenson who conducted the group to a dinner served by the Malta Chamber of Commerce. After a sumptuous repast, we journeyed on to Zortman, Montana, where we set up our base camp while in the field. Zortman is a typical abandoned mining town consisting of two bars and one grocery store; needless to say, the well-worn path didn't lead to the grocery store. "When in Rome, do as the Romans" is always a good motto, so after an extended bout of making like the Romans, one Ganguester had this comment to make; "It wasn't the fifteen blackberry brandies, it was the creme de menthe that did the damage."

Most of the exposed geologic section from Precambrian to Tertiary was traversed. The academic high light of the trip was the tour of Lodgepole Canyon which contains the type sections for the Lodgepole and Mission Canyon formations. Equally interesting was a trip into Ruby Gulch where the Ruby gold mine and mill are located.

The field trip was acclaimed a success by one and all. Partial financing was derived from a grant by Tidewater Associated Oil Company.

SLIDES AND DOUGHNUTS

Whenever the Ore Gangue meets for academic reasons or for purposes of entertainment, the attendance is usually excellent especially when it is rumored that refreshments will be served after the show. This was the result when this group assembled last fall in Room 202 to view slides both demonstrative and scenic which had a definite appeal geologically and aesthetically.

Slides in full technicolor, accompanied by accurate commentaries, were shown by, Dr. J. B. Mawdsley, Prof. F. H. Edmunds, Dr. A. R. Byers, and Dr. W. O. Kupsch. Among student members who added their contribution to the well organized programme were Don Rotherham, Jim Kermeen, Earl Christiansen, and John Dudar.

Feeling somewhat glaciated after surviving for some time in the smoke-shrouded atmosphere, faculty and students alike, welcomed the dozens of doughnuts served sluiced down with as many cokes.

MONTANA FIELD TRIP, 1953

The Ore Gangue met at the Engineering Building and boarded the Saskatchewan Government bus, and the trip was under way. Our first stop was near Kyle, where Mr. Jansen from the Soils Department gave the Gangue a very informative lecture on soils. His example was a soil profile which was uncovered by a couple of eminent hard rockers.

The bus was met near Malta by Sheriff Leaverson who conducted the group to a dinner served by the Malta Chamber of Commerce. After a sumptuous repast, we journeyed on to Fortman, Montana, where we set up our base camp while in the field. Fortman is a typical abandoned mining town consisting of two bars and one grocery store; needless to say, the well-worn path didn't lead to the grocery store. "When in Rome, do as the Romans" is always a good motto, so after an extended bout of making like the Romans, one Ganguester had this comment to make: "I want the fifteen blackberry branches, it was the crime he mentions that did the damage."

Most of the exposed geologic section from Precambrian to Tertiary was traversed. The academic high light of the trip was the tour of Lodgepole Canyon which contains the type sections for the Lodgepole and Mission Canyon formations. Equally interesting was a trip into Ruby Gulch where the Ruby gold mine and mill are located.

The field trip was acclaimed a success by one and all. Partial financing was derived from a grant by Tidewater Associated Oil Company.

SLIDES AND DOUGHNUTS

Whenever the Ore Gangue meets for academic reasons or for purposes of entertainment, the attendance is usually excellent especially when it is rumored that refreshments will be served after the show. This was the result when this group assembled last fall in Room 302 to view slides both demonstrative and scenic which had a definite appeal geologically and aesthetically.

Slides in full technicolor, accompanied by accurate commentary, were shown by Dr. J. R. Mandel, Prof. F. H. Edwards, Dr. A. R. Byers, and Dr. W. O. Korsch. Among student members who added their contribution to the well organized programs were Don Robinson, Jim Karsen, Earl Christiansen, and John Dehar.

Feeling somewhat glacial after surviving for some time in the smoke-shrouded atmosphere, faculty and students alike welcomed the dozens of doughnuts served slushed down with as many colas.

GRADUAND'S BANQUET 1954

The Annual Graduand's Banquet was held in the Elite Blue Room on the evening of March 17th. Some members found a doubly good reason to throw caution to the winds and go all out in their celebrations, since the banquet was coincident with St. Patrick's day.

The most interesting feature proved to be an oil derrick which spouted a greenish liquid much unlike oil but resembling closely the contents of the punch bowl. One or two of the faculty members seemed to be fascinated by this little gusher for they kept coming back for refills time and again.

The opening remarks by Richard Bruser commended the past executive body on their efficient and splendid efforts throughout the past year. Mr. Bruser also made some jesting remarks about the complete harmony that has prevailed between the Engineering and the Arts students.

B. Thomas proposed the toast to the faculty, speaking highly of the excellent guidance the faculty members have given the graduating class.

In his response, Dr. W. O. Kupsch touched lightly upon the educational system. In his opinion everybody at High School or Varsity level should be compelled to carry some geology classes. He substantiated the importance of a geologic comprehension by quoting,

"Behold the mighty Dinosaur
Famous in prehistoric lore ...
The creature had two sets of brains -
One in the head (the usual place),
The other at his spinal base
Thus he could reason a priori
As well as a posteriori."

commenting that only a student of geology could grasp the full meaning of this delightful piece of literature.

In the toast to the graduates "Pete" McMurtry spoke on the value of an education. Pete stated that an education, unlike material goods, once acquired could never be lost, but would forever remain with the man. In his words, "although your mines may bust; your wells go dry; your woman run off with the drillers, your education will forever stick with you."

GRADUATE BANQUET 1954

The Annual Graduate Banquet was held in the Elite Blue Room on the evening of March 17th. Some members found a doubly good reason to throw caution to the winds and go all out in their celebrations, since the banquet was coincident with St. Patrick's day.

The most interesting feature proved to be an old derrick which sported a greenish liquid much unlike oil but resembling closely the contents of the punch bowl. One or two of the faculty members seemed to be fascinated by this little gadget for they kept coming back for refills time and again.

The opening remarks by Richard Bruser commended the past executive body on their efficient and splendid efforts throughout the past year. Mr. Bruser also made some jesting remarks about the complete harmony that has prevailed between the Engineering and the Arts students.

B. Thomas proposed the toast to the faculty, speaking highly of the excellent guidance the faculty members have given the graduating class.

In his response, Dr. W. O. Kupach touched lightly upon the educational system. In his opinion everybody at High School or University level should be compelled to carry some geology classes. He substantiated the importance of a geologic comprehension by quoting,

"Behold the mighty Dinosaur
Known in prehistoric lore ...
The creature had two sets of brains -
One in the head (the usual place),
The other at his spinal base
Thus he could reason a priori
As well as a posteriori."

commenting that only a student of geology could grasp the full meaning of this delightful piece of literature.

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William Petruk in his reply commented that probably the most prominent thing to live in the memory of the graduate's would be the 8:30 classes. Mr. Petruk also stated that there would be times when the graduates would be confronted by unfamiliar problems, in which cases it is likely that paragraphs of expletives would be uttered and directed at the faculty members; but more often the problems would look trivial because the faculty had been patient and thorough in transferring part of their knowledge to the students.

Dr. J. B. Mawdsley presented an award to B. Thomas in honour of the best "summer essay." In his remarks Dr. Mawdsley expressed a desire for better planning, organization and execution of the final thesis.

The evening was rounded out by a travelogue presented by Dr. L. G. Saunders, who is Professor of Biology at the University of Saskatchewan. Dr. Saunders had many excellent slides to show of the colourful and luxuriant vegetation on the islands of the West Indies. Although Dr. Saunders' chief interest lies in studying the plant insects and the plants and flowers themselves, he approached his talk from a photographic viewpoint, for the benefit of the Ore Gangue. He was very well qualified to offer hints and advice on colour photography; his qualifications were substantiated by his most excellent collection of slides.

The sumptuous dinner, abundant punch, risqué stories and travelogue all contributed towards a pleasurable and entertaining evening, at this the closing of another year.

GEOLOGIST BEWARE!

A geologist, freshly graduated, was on vacation in the New England states. In his tramps through the surrounding country side, he came upon a sinuous sandy ridge winding in and out among the hills. Eager to display his new found knowledge, he approached a local farmer through whose land the ridge passed, and with an ill concealed air of superiority, asked the old fellow.

"How long do you think that esker has been there?"

The farmer mulled this over thoughtfully for a time and then answered slowly,

"Well, I never heard it called that before, but I guess it'd be about 60 years."

"What makes you think that?" queried the geologist superciliously.

The farmer replied. "Well, as near as I can recollect that's when the railway company built it."

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GEOLOGIST REMARKS!

A geologist, freshly graduated, was on vacation in the New England states. In his trips through the surrounding country side he came upon a stony sandy ridge which in and out among the hills. Eager to display his new found knowledge, he approached a local farmer through whose land the ridge passed, and with an ill concealed air of superiority, asked the old fellow,

"How long do you think that coker has been there?"

The farmer smiled this over thoughtfully for a time and

then answered slowly,

"Well, I never heard it called that before, but I guess it'd

be about 60 years."

"What makes you think that?" queried the geologist superciliously.

The farmer replied, "Well, as near as I can recollect that's

when the railway company built it."

NEW COURSE IN GEOLOGY

Geology-aspiring students will soon be able to graduate in another branch of the field. A course in Petroleum Engineering will be offered by the Department of Geology in 1955. Special subjects in the course will be taught by Mr. R. B. Shearn from the University of Birmingham, England, where he is presently doing post-graduate work which will lead to a doctorate.

This new course may be undertaken by third year geology students whose fourth year studies will include other classes, Reservoir Mechanics. Third year Chemical Engineering students may also graduate in Petroleum Engineering via a fourth year course of studies devoted almost wholly to petroleum geology.

A SATIRE

Last winter during the lunch hours, the Geology 11 Lab quite frequently was graced (?) by the presence of senior Geology students who would cavort about in strange and antic manners. These great minds that in the future will wrestle with the unlimited problems of geology could amuse themselves by tossing pennies into a milk bottle, throwing rubber stoppers over a steam pipe or balancing sticks on their noses. Or at least so it would seem to the disinterested bystander. However, the reader will surely comprehend that these contests were strictly in the interest of competitive sport with a view to testing the skill and muscular coordination of the participants.

Since the limited space in the Lab prevented all the great minds from joining in these tournaments of universal import, some had to be content with standing by and cheering their favorites on to victory and fame. One day, the custodian of the coliseum tired of the "childish nonsense" (was ever a noble sport so misconstrued?), and suggested an agate joust in the refreshing outdoors. This suggestion was graciously accepted and the game was on. (Well-rounded gravel pebbles saved the day by doubling as agates).

Pointed remarks about the whole group having "lost their marbles" were overlooked in the heat of the ensuing battle.

Defeats were ill-borne, and the losing participants often lost their sense of proportion, as well as the contest; one loser even resorted to sandwich-stomping (the opponents, of course).

We juniors will forever be indebted to these great minds who, although at times aloof, were during times of gaming condescending enough to let us view the contests gratis.

NEW COURSE IN GEOLOGY

Geology-surveying students will soon be able to graduate in another branch of the field. A course in Petroleum Engineering will be offered by the Department of Geology in 1955. Special subjects in the course will be taught by Mr. R. B. Shearn from the University of Birmingham, England, where he is presently doing post-graduate work which will lead to a doctorate.

This new course may be undertaken by third year geology students whose fourth year studies will include other classes, Research Mechanics. Third year Chemical Engineering students may also graduate in Petroleum Engineering via a fourth year course of studies devoted almost wholly to petroleum geology.

A BATTLE

Last winter during the lunch hours, the Geology II lab duties frequently was graced (?) by the presence of senior Geology students who would cavort about in strange and antics manner. These great minds that in the future will wrestle with the unlimited problems of geology could amuse themselves by tossing pennies into a milk bottle, throwing rubber stoppers over a steam pipe or balancing sticks on their noses. Or at least so it would seem to the disinterested bystander. However, the reader will surely comprehend that these contests were strictly in the interest of competitive sport with a view to testing the skill and muscular coordination of the participants.

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Defeats were ill-borne, and the losing participants often lost their sense of proportion, as well as the contest; one loser even resorted to sandwich-slapping (the opponents, of course).

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